

EMERGENCY RESPONSE PROGRAM FISCAL YEAR 2012 ACCOMPLISHMENTS

NOTABLE EMERGENCY RESPONSES AND SITE CLEANUPS

Portage Creek Area Site, Kalamazoo, Michigan: The Portage Creek Area Site is part of the Allied Paper Inc./Portage Creek/Kalamazoo River Superfund Site. Cleanup work continued at the Portage Creek Area Site during all of 2012 and will likely continue well into 2014. This time critical removal action addresses PCB-contaminated sediments and upland soils over an approximately 1.8 mile stretch of Portage Creek and Axtell Creek between East Stockbridge Avenue and Portage Creek's confluence with the Kalamazoo River.

The action includes a creek bypass pumping system, groundwater dewatering, sediment excavation, and site restoration. Initial estimates identified approximately 18,000 cubic yards of waste material to be addressed, however, based on information gathered during this construction season, it is probable that the total final volumes may be significantly higher at the completion of this project.

As of the end of August, 2012 removal activities have addressed approximately 0.385 miles of creek, removing approximately 8,800 cubic yards of sediment. In addition, approximately 500,000 gallons of potentially impacted contact water have been treated through U.S. EPA Region V's Springfield Belle mobile water treatment system.

It is estimated that by the end of September, 2012 removal activities will have addressed approximately 0.578 miles of creek, removing approximately 12,970 cubic yards of sediment this Fiscal year.



Portage Creek by-pass pumps at Lake Street



Portage Creek by-pass pumps at Lake Street.



Groundwater dewatering systems are installed on each side of the creek banks to prevent groundwater from recharging into the creek bed during excavation.



Excavation of contaminated soil
from dewatered creek bed.



Excavation of contaminated
soils from dewatered creek bed
using RTK-GPS system